



WEB

RG-RSR10-01G-E,810

RGOS 10.4(3b13)p3

V2.0

©2014



RGNOS®



Red-Giant®



锐捷®

[] []

{x|y|...}

[x|y|...]

//

2)



3)

1 WEB

1.1

;
RSR810 RSR10-01G-E

1.1.1

WEB IE Firefox Chrome

WEB WEB WEB WEB
WEB IE Firefox Chrome

1.1.2

WEB

WEB WEB HTTP
HTTPS TLS1.0

WEB

WEB WEB IE WEB Chrome Safari WEB
Firefox

1.2

1.2.1

” WEB
” WEB
” IP

„ WEB WEB WEB
 „ IE Firefox Chrome Safari IE (Maxton)
 WEB
 „ PC 1280*1024
 1440*900 WEB

1.2.2

, WEB GE0/0 IP 192.168.1.1
 255.255.255.0 WEB admin admin
 Windows XP

WEB

WEB					
WEB	GE0/0	VLAN1	IP	192.168.1.1	
WEB	admin	admin	guest	guest	

RSR810 RSR10-01G-E RSR810 RSR10-01G-E VLAN 1

" " " " " Internet TCP/IP "

1-2

" " PC IP
" Internet TCP/IP " " IP " " IP " 192.168.1.xxx xxx
2 254 " " 255.255.255.0 " " 192.168.1.1 IP

1-3

a IP 192.168.1.1 PC IP 1, " "

PC

PC " " -> " " -> " cmd " -> "

ping ping 192.168.1.1

1-4

1-5

a
a
a
a

PC
TCP/IP

1.2.3 WEB

WEB	WEB
1) GE0/0	
2) IE 7.0	
3) IP 255.255.255.0	GE0/0 192.168.1.xxx xxx 2 254 192.168.1.1
IE http://192.168.1.1	RSR WEB

WEB	IE7.0	Google Chrome	Apple Safari	Firefox3.0
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1-6



admin/admin

WEB

,

a

' "

1.2.4 WEB

1.2.4.1

RSR WEB

1-8 WEB

1.3

1.3.1

CPU USB SD WEB

1-9

a

USB

SD

USB SD

1.3.2

ADSL

DHCP

IP

IP

IP

3G
VLAN

VLAN

CE1

1.3.2.1 VLAN

VLAN

VLAN

3G	" CMNET"	" *99***1 "	" PPPS"
3G	" 3GNET"	" *99#"	" UMTS_CHAP_SRVR"
3G	" #777"	" card"	" card"

SVI

SVI	Switch Virtual Interface,	SVI	IP	IP
SVI	Internet	SVI	IP	IP
DHCP	IP	PPPoE	VLAN ID	"
VLAN ID				"
PPPoE ADSL	PPPoE(ADSL)			
DHCP	DHCP	DHCP	SVI	IP
a PPPoE ADSL	DHCP			

a	Access		Access	Trunk
a	Trunk		Trunk	Access

VLAN VLAN " " VLAN VLAN

VLAN

1-20

SVI SVI VLAN SVI

SVI

VLAN VLAN IP VLAN VLAN

VLAN IP VLAN SVI Switch Virtual Interfaces

1-21

	SVI		IP				
a	SVI			SVI			
a	SVI	VLAN			VLAN		SVI
a	SVI	VLAN ID			18	SVI	

1.3.2.4 NAT

		NAT				NAT	" Network
Address Translation	"	"	"		IP	Internet	
		IP		IP			
1-22							

	PPPoE		IP	
--	-------	--	----	--

1-20



IP IP IP IP IP

1-29

IP IP

IP IP

IP IP IP

IP

1-30

1.3.2.6 VRRP

VRRP(Virtual Router Redundancy Protocol)

1-31

0.0.0.0

1-22

1.3.3.2

PBR Policy-Based Routing
IP

1-23

$\frac{3}{4}$

IP

IP

IP

1-24

1.3.3.3 RIP

RIP(Routing information Protocol)
(distance -vector)

RIP UDP

(Interior Gateway Protocol, IGP)

15

WEB

RIPv2

RIP

RIP

RIP
IP

WEB

RIP

[a](#)

IP

RIP

RIP

RIP

RIP

a

OSPF

VLAN

OSPF

1-41

OSPF

OSPF

OSPF

OSPF

OSPF

OSPF

1-42

OSPF

OSPF

RIP

:

OSPF

OSPF

RIP

RIP

OSPF

rip connected static

1-29

OSPF

1-30

1.3.4

1.3.4.1 VPN

VPN " Virtual Private Network " " "

VPN

VPDN

VPDN

VPDN

VPDN

L2TP

1-31

VPDN

VPDN

VPDN

VPN

PKI

CA Certificate Authority

CA

CA

CA Certificate Authority

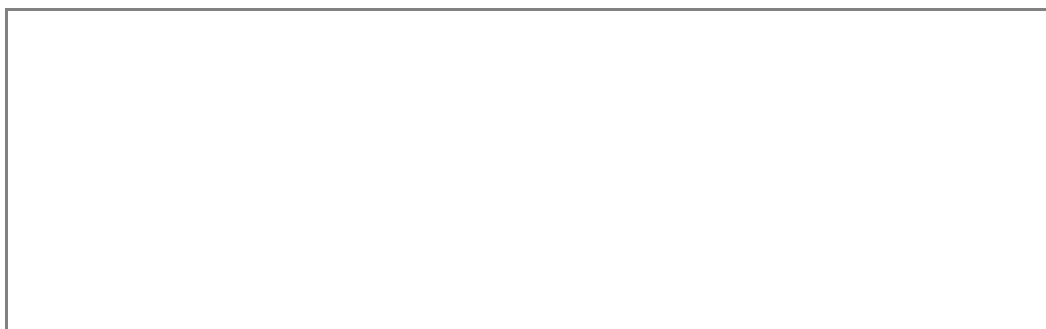
" *.pfx "

CA Certificate Authority

1-32



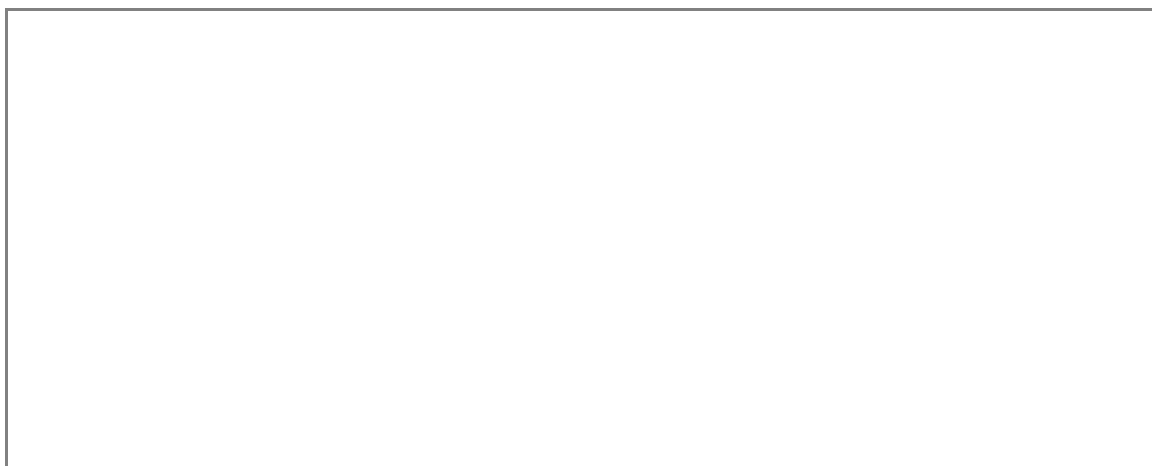
" "



1-33



" "



IPSec VPN

VPN

Internet

Internet

IPSec

IPSec

IPSec

UP

IPSec

1.3.5

1.3.5.1

ARP

ARP

ARP
10

ARP

" ARP "

ARP

ARP

DoS

DoS

DoS/DDoS

IP

SYN Flood

WEB

WEB

80 WEB

WEB

1-50

1.3.5.3

IP

1-54

1-2147483647

a

a

18

Dialer

Virtual-PPP

1-55

1.3.6 AAA

AAA Authentication Authorization and Accounting

1.3.6.1

1-56

1-57

1.3.7

1.3.7.1

icmp flood

udp flood

1-58

IP

IP

[a](#)

18

Dialer

Virtual-PPP

1-59

1-64

1)

“ ”

1-65

2)

" "

1-66

3)

" "

IP

DSCP

ACL

IP

>

" "

>

" "

1-67

ACL " "

a 18 Dialer Virtual-PPP

1-68

DSCP

Differentiated Services Code Point

1.3.7.4

QoS

IP IP

1-70



1.3.8

1.3.8.1

SNMP

" Internet " " DNS "

"

1-71

SNMP

SNMP

SNMP

1-72

1-73

1-74



1.3.8.2

WEB

WEB

a

1-75

" admin "

WEB

WEB

" guest "

WEB

Telnet

" guest "

a

admin

1-76

zhangs;

WEB

"

"

1-77 admin

WEB

" Admin "

WEB

WEB

1-78 guest

WEB

Telnet

Telnet

telnet

TCP/IP

telnet

Internet

telnet

Telnet

Exec

Telnet

CLI

Telnet

WEB

Telnet

Telnet

Telnet

1-79

1.3.8.4

a

a

1-83

1.3.8.5 WEB

WEB Console WEB
CLI

1-84



IP

1-87

1.3.8.8

Ping

Ping

" !!!!! "

" "

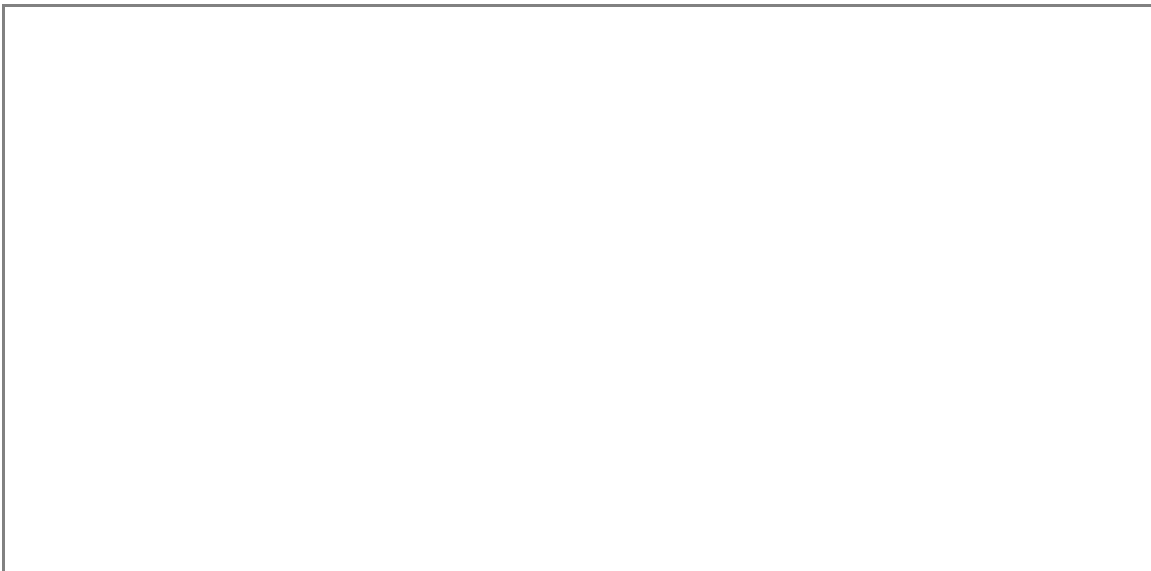
" "

" "

1-88

1.3.8.9

1-90



1.3.8.10

1-91

1.4

1.4.1

" " WEB " "

1-92 WEB

1-93 WEB

1-94

: 8:30-18:00

4008-111-000

WEB

WEB

1.4.2

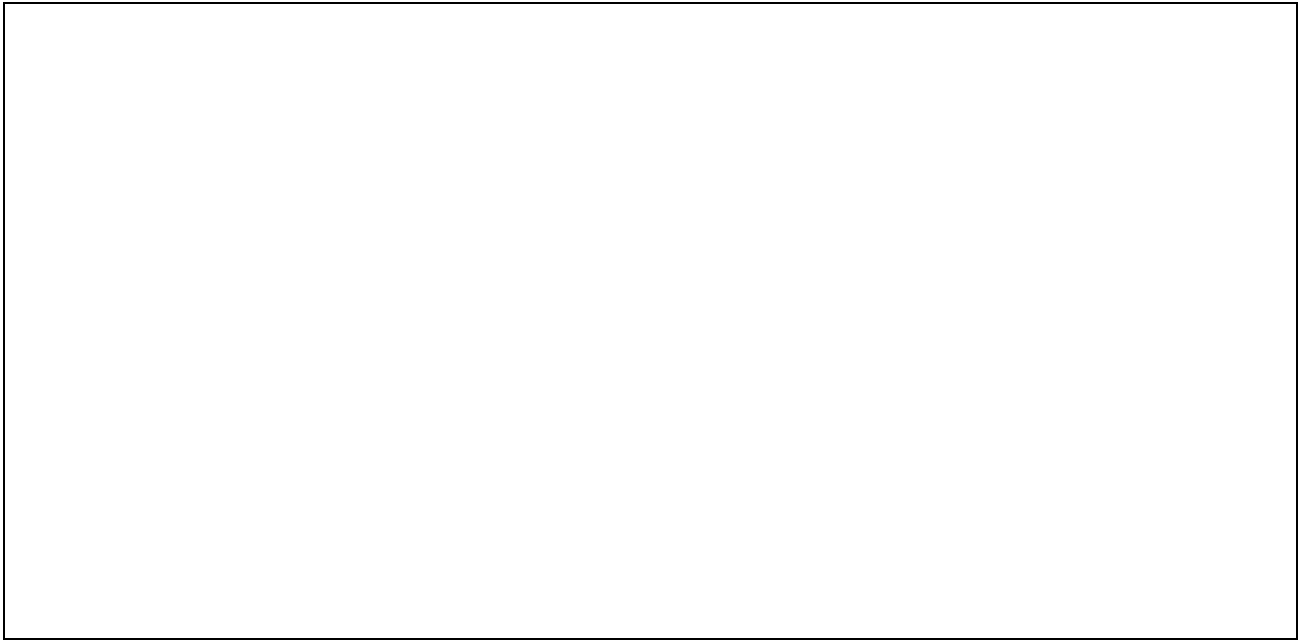
" "

4008-111-000 WEB

<http://support.ruijie.com.cn>

WEB

1-95



1.5

1.5.1

WEB

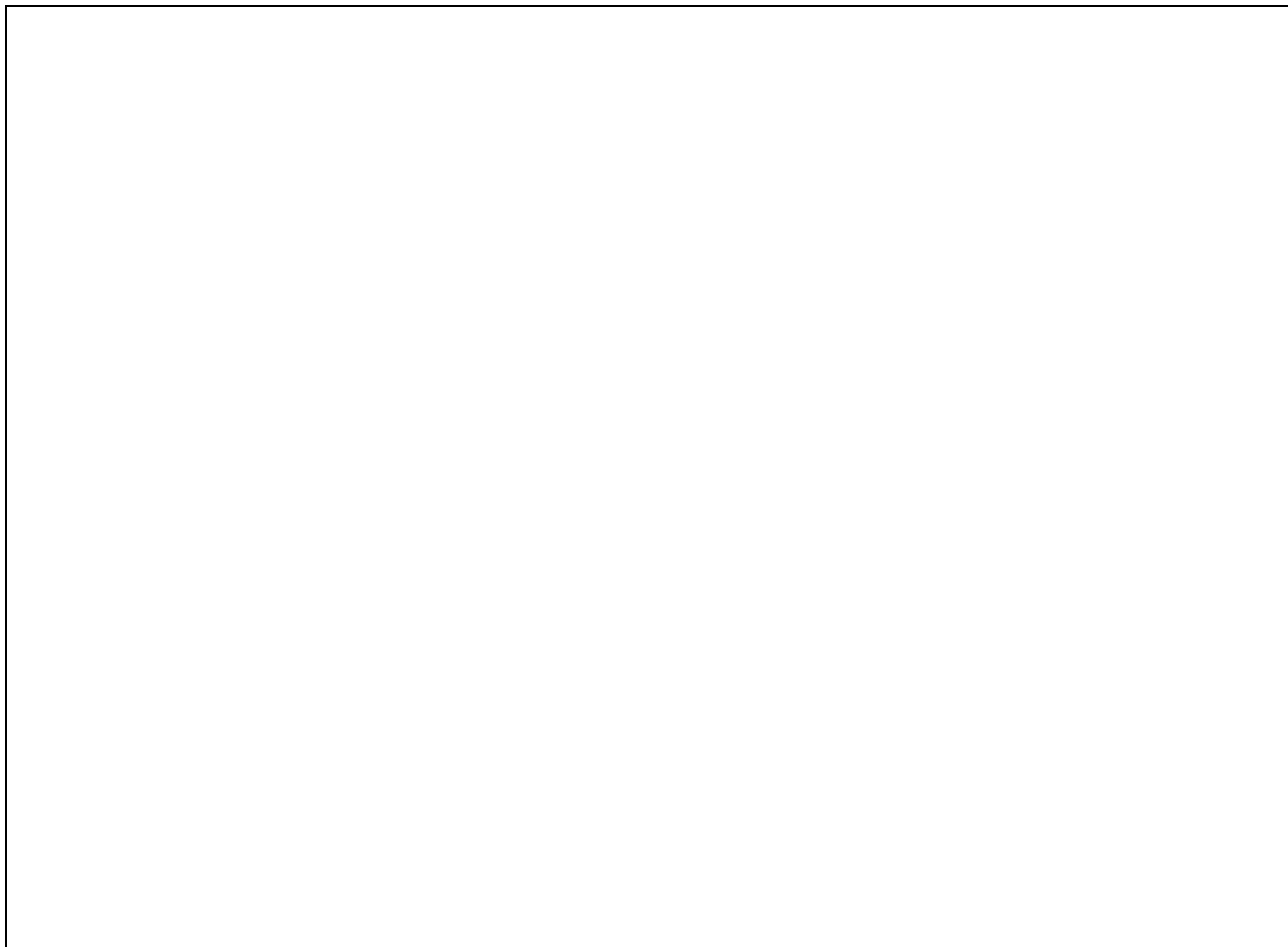
1.5.3 WEB

WEB

WEB

IE

1-97 IE



" " " "

WEB

1.5.4 WEB

1 PC

Ping

WEB

WEB

1-98 WEB

" disabled " WEB

" enable service web -server all " WEB

2 PC Ping

PC IP

3 " 404 " WEB

WEB

1-99



1.5.5 WEB

WEB

10

WEB

WEB

10

10

1.5.6

WEB

18

PPPoE 4 Dialer

SVI 2 SVI

VPN 3-5 Virtual-PPP

3G E1 RSR 6 6